

11-13-2001

U.S. Patent & TMO/TM Mail Rpt Dt. #01

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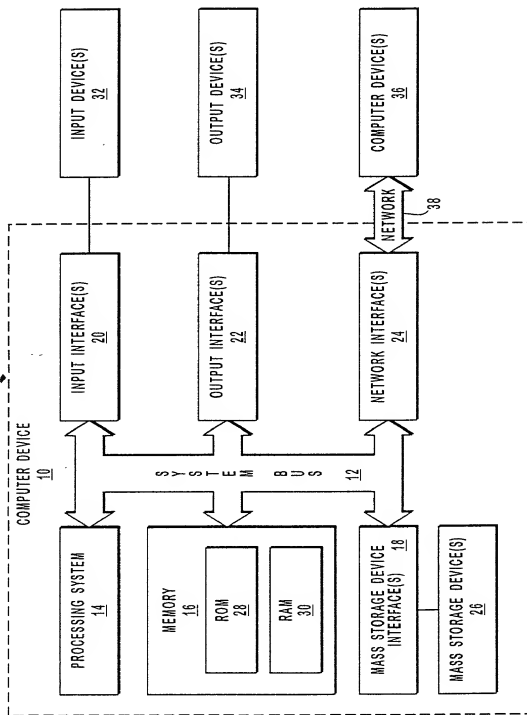


FIG. 1

106711 "E0188660



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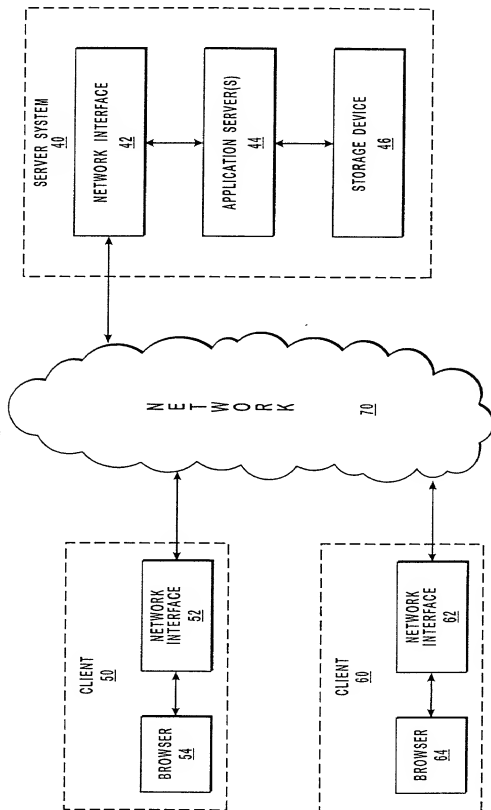


FIG. 2



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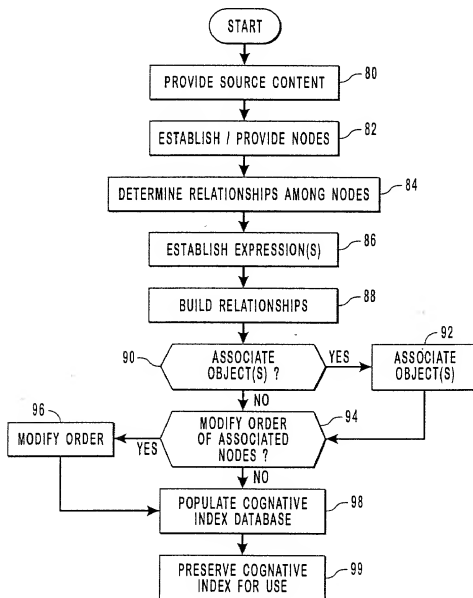


FIG. 3



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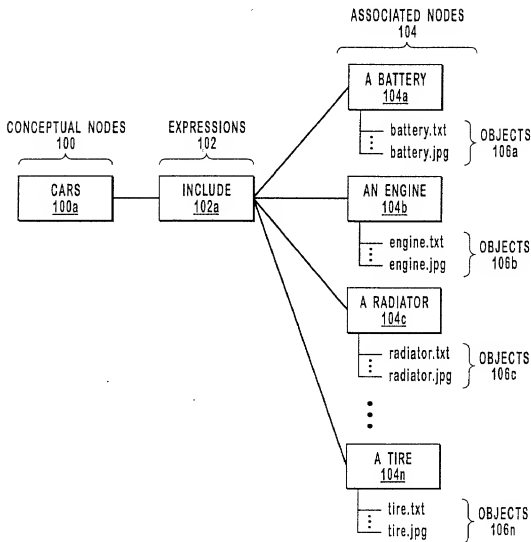


FIG. 4



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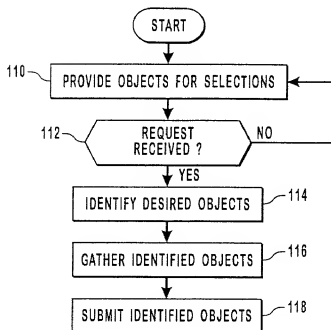


FIG. 5

09080105 11301



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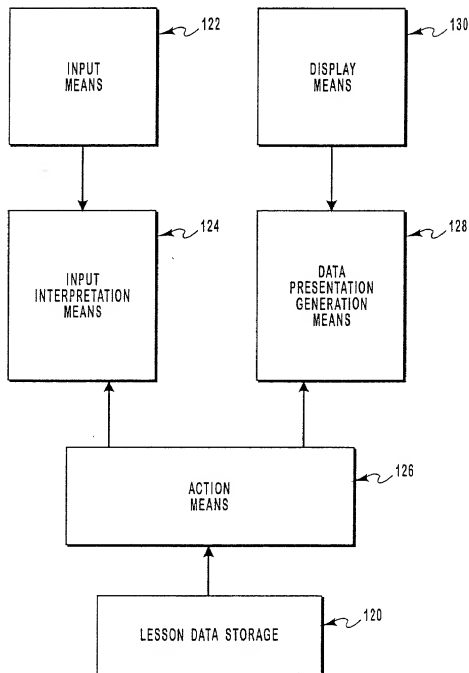


FIG. 6

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FIG. 7

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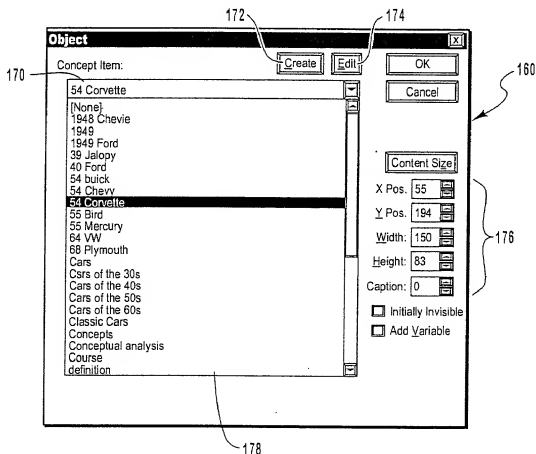


FIG. 8

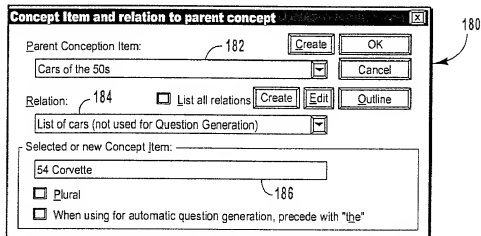


FIG. 9



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Object [X]

Singular object of possessive subject: (used in Nascent Index when there is only one relationship for this relation) 192

Example: {relation} OK Cancel

Plural object of possessive subject: (used in Nascent Index when there is a multiple relationships for this relation) 194

list of cars {relations}

Verb phrase for singular subject: 196

has {relates to}

Negated verb phrase for singular subject: 198

{is not a child of} {does not relate to}

Verb phrase for plural subject: 200

{are children of} {relate to}

Type: 202

don't use for automatic question generation

Inverse: 204

{is in the category of} Create Edit

FIG. 10

190

Object [X]

Singular object of possessive subject: (used in Nascent Index when there is only one relationship for this relation) 192

Example: {relation} OK Cancel

Plural object of possessive subject: (used in Nascent Index when there is a multiple relationships for this relation) 194

{relations}

Verb phrase for singular subject: 196

{is in the category of} {relates to}

Negated verb phrase for singular subject: 198

{is not a child of} {does not relate to}

Verb phrase for plural subject: 200

{are children of} {relate to}

Type: 202

{is a member of; is in (container & instance)}

Inverse: 204 Edit

FIG. 11

```

graph LR
    212[WAIT FOR INPUT]
  
```

SELECT
APPROPRIATE
PAGE

YES IF 214

216

YES

FINISHED

EVALUATE ANSWER

EVA

110

QUESTION
FOR PAGE
& FIELDS

YES IF 220

1

NO \downarrow 222

1

EXAM MODE?

GENERATE TEST QUESTION
OVER WHOLE LESSON

EVALUATE ANSWER

KEEP SCORE

153

FINISHED?

IF YES

YES

NO

1

FIG. 12

PERFORMED
DEFINED
ACTION



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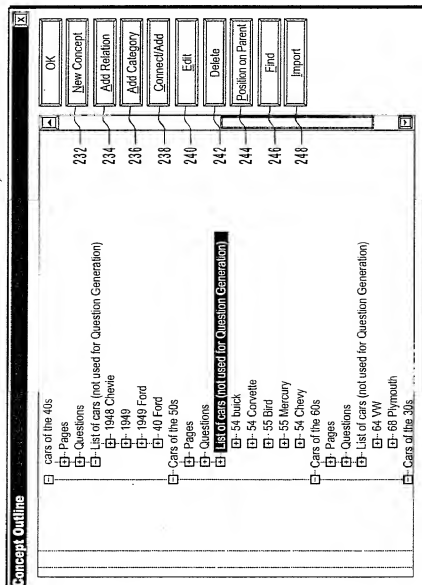


FIG. 13



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Questions

Concept Item: Cars of the 50s 252

☐ and Related Concepts 254

Template: multichoice 256

(Go to Template)

Which one of these is in the category of Cars of the 50s? Cars of the 50s

Close 258

Outline 260

Run 262

Generate 264

Create 266

Edit 268

Delete

**question was automatically generated and has not been verified and will not be presented in Tutor, Go to Edit to verify

FIG. 14



11-13-2001

U.S. Patent & TMO/PTM Mail Report #01

Title: SYSTEMS AND METHODS FOR ORGANIZING DATA RELATIONSHIPS
Inventors: Terry S. Owens, Donald J. West, Douglas C. Draper,
Duane R. Winden, and William M. Bancroft
Docket No. 8614.56

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Question

Concept Item: Cars of the 50s

Template: multichoice1

Name: (Use question text)

Difficulty: Medium

Outline

OK

Cancel

Parts:

- ☐ Questions: Multiple choice (with About)
- ☐ - About
 - 57 ranchero.jpg
- ☐ - Answer
 - 54 Corvette
 - 1949
 - 39 Jalopy
 - 68 Plymouth
- ☐ - distractor

Select Relation

Edit Question Text

Select Object

Edit Object

Discarded

☐ Needs Verification

274

276

278

280

282

272

252

254

270

262

FIG. 15



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U.S. Patent & TMO/TM Mail Rpt DL #01

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Docket No. 8614.56

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General Questions

Which one of these (relates to) [concept2]?

(concept1) = subject text from concept
(concept2) = predicate text from related concept

(relation) = singular text for possessive subject
(relations) = plural text for possessive subject
(relates to) = verb phrase for singular subject
(relate to) = verb phrase for plural subject
(does not relate to) = negated verb phrase for singular subject

OK

Cancel

Create

Edit

FIG. 16



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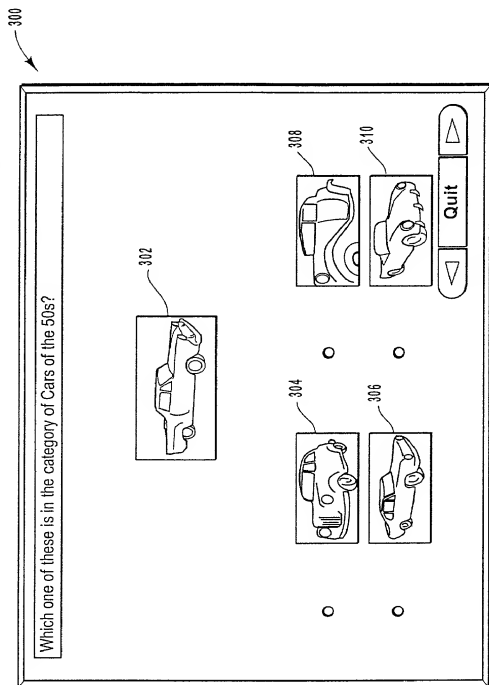


FIG. 17



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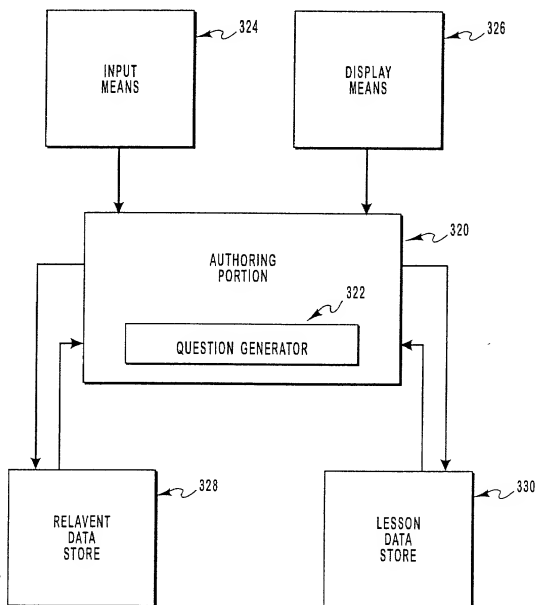


FIG. 18

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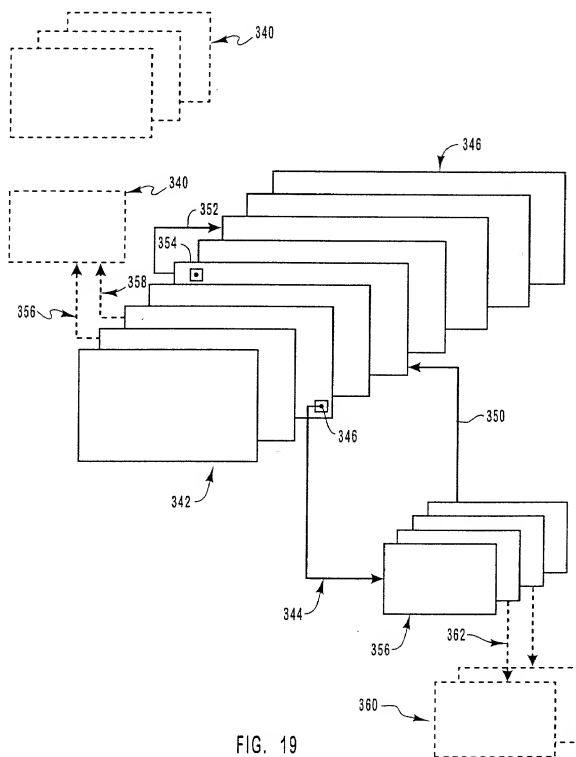


FIG. 19

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Docket No. 8614.56

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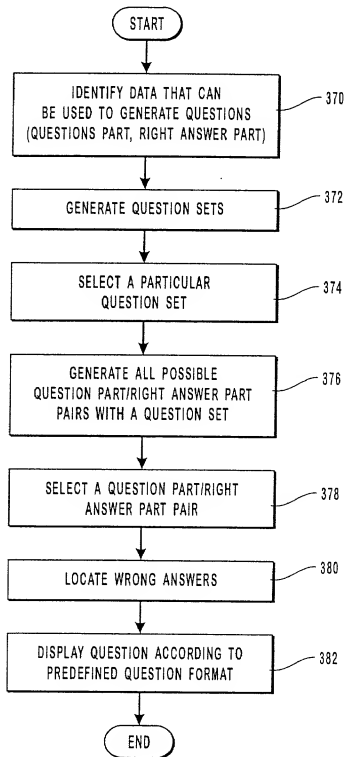


FIG. 20